

Mines of the County

It is reported that the milling plant on the Juno mine at Chloride is nearing completion. The plant is designed to handle the ores from the property, the old stopes carrying good values.

Thomas Sickles came in from Wallapai mountain last night, having completed assessment work on some of his mining properties. He reports that it has been intensely cold in the mountains the past month and that there is quite a depth of snow.

The heavy ground on the 700 of the Tennessee is causing a great deal of trouble to the timberman, the big square sets being crushed by the stress of ground in many places. 12x12 timbers are being used, but even these are crushed by the sagging ground. Along the level much good ore is opened and it is expected that as soon as the opened ground is drained off the ground will stand fairly well.

Many prospectors have gone into the Secret Pass section, where some mighty good looking veins have been discovered. The prospects are good for a large amount of work in that section, many of the known veins carrying high values in gold and the veins being very large. The locality is one of the oldest known in the county, the soldiers of the first California Battalion having prospected the country in the early sixties.

Judge W. G. Blakely has returned from a trip to his mines in the Chemehuevis mountains, where he is having the assessment work done on the Morning Star group of mines. Jack Simpson, who has been doing the work, states that an average sample from the veins of the Morning and Evening Star lodes gave returns of 96% and 78% respectively. Three tons of average ore milled from the claims gave results of better than 48% to the ton. A sufficient quantity of water has not yet been developed, although plenty of water for camp use can be had. The property is one of the best in the district and it is believed that a few men could take out a nice little stake in a few months from it.

William Ochs, James Otis, and James F. Conner, of Long Beach, who are interested in the O. & C. Development company, arrived in Kingman Thursday last, bringing with them a Buick truck for use between Kingman and the mines, at Wallapai Springs. The gentlemen are getting things in shape for the installation of a chilian mill to handle the ores from the Last Chance mines. The mill is to be on the ground within the next sixty days and will be equipped with concentrators, amalgamators and cyanide tanks. The ores carry good values in gold, silver and lead, the average being about 25% to the ton in the three metals. The showing of ore in the mines is excellent and every day's work adds to the tonnage in sight.

The work of sinking the shaft on the Ohio mine, near Wallapai Springs, by Emerson Gee and associates, is going along nicely. The shaft shows a splendid grade of milling ore throughout, the values being in gold and silver. Samples from streaks in the shaft and in the outcrop of the vein have yielded as high as 5,000%. This is the vein discovered by A. L. McKesson last year on the Ohio ground and from which phenomenal assays have been obtained, the gold values being carried in silvanite being the first discovery of that ore in this county. Mr. Gee, who is looking after the work, is of the opinion that he has one of the best veins in that section, and in fact one of the best in the county.

The shaft on the Mitchell mine has reached a depth of 200 feet, whence crosscut of the vein has been made. The ore body at this point is reported to be fourteen feet wide and carries 40% in gold. The development company, under the management of S. R. Porter, with Joe Onetto as superintendent at the mine, has been making rapid progress since taking over the property and the mine is proving that their confidence has not been misplaced. The company is the owner of a thirty stamp mill and other machinery, as well as a large pumping plant on Spears Lake. It is understood to be the intention of the people at the head of the company to move the mill to the mine, where it is reasonably to be expected that sufficient water for milling purposes will be developed.

The mines in the Cottonwood district, east of Hackberry, are to be operated by quite a force of men the coming spring, so we are informed. Some of the claims show splendid bodies of gold and copper ore, much of which is of shippable grade.

At the Needles smelter an electric haulage system has been put in to handle the slag pots and as soon as it has been tried out satisfactorily the smelter will be blown in. The plant has been put in good shape and enough ore is on hand to insure a lengthy run.

Work on the Ward & Blakely mine, in Aubrey district is being carried forward with all possible dispatch. The new mill is expected on the ground shortly and the milling of the ore on the dumps will soon be under way. The ore shows big gold values, and as it is quite free a large percentage of saving ought to be effected in the batteries and plates.

The shaft on the Boundary Cone mines has reached a depth of 500 feet, where very rich ore has been opened. The people owning the big share of stock in the company live in Yavapai county and they are wearing broad smiles over the success of their venture. The shaft is now more than 300 feet in the old andesite and gives indication of great vein permanency, as well as ore bearing quality.

This week Supt. Brinton, of the Alpha, made a mill sample of the ore on which the long drift has been driven and shipped it to the smelter at Needles, where a test of its value and the best plan for handling will be made. There is now in sight valuable ore in a distance of more than 200 feet and running to the surface, more than 200 feet. A large flow of water is coming from the drift, which would insure a supply for milling purposes.

H. K. Rosenberger, of Needles, passed through here a few days ago to Chloride, where he conferred with mining men on the possibility of handling a big tonnage of concreted gravel near the Topock bridge. The gravel is said to give an average value of 2% per yard in gold, but the values are not free enough to handle by the ordinary method, so the mass must be crushed and concentrated to save all the values. The ground lies on the south side of the track, on the California side of the river and in an ideal spot for economic handling.

Last evening W. G. Sharp, of Boston, Frederick Lyon, of Salt Lake, A. P. Anderson, of Los Angeles, respectively president, vice president and field engineer of the U. S. Smelting, Refining & Mining company, arrived in Kingman and this morning departed to the mines with D. R. Muir, manager of the company's interests in this county. The company has large interests here, especially the Gold Road, Tennessee, Banner and other mines that are now under active development and producing. It is understood that many betterments at all the properties are under contemplation.

It is understood that the option for the purchase of the mining claims of J. D. Jordan, George S. Krom and W. M. Harrison, known as the Winnifred group, in Secret Pass, has been taken by H. W. Squires and associates and a contract has been let to the Richardson Bros. to do considerable development work on the group. Lumber and supplies for the camp have been ordered and will go out in a few days. The mines are situated in an accessible part of the district, being reached by a wagon road from Kingman. Teams can be driven onto almost any part of the claims.

H. L. McCann, general manager of the Rainbow Mountain Mining company, who has been in Denver the past three weeks attending to business in connection with the big tram that is being installed from the Rainbow mines to the landing near the Payroll, returned to Kingman last evening. As soon as he gets back to the mine the work of completing the line will be undertaken. The tram will be able to deliver about 100 tons daily to the bins at the foot of the hill, where it will be loaded into the cars for shipment to the smelters. The mine has been developed to such an extent that it will be able to produce a large tonnage for more than a year without further development being carried on. It is the intention, however, to sink the shaft to the 500 as soon as the tram is in operation, and exploit the vein at that depth.

Arizona Copper.

The fact that Arizona is for the third time the largest producer of copper is being heralded broadcast over the country by the copper producers association, the geological survey and those interested in the production of copper in the territory. The geological survey is of the opinion that Arizona will retain its lead in copper for years to come, as there are many producers just coming in that will add greatly to production this year. Within a year or so Mohave county will add a considerable quota to the production of the territory, although its greatest value will appear in gold. At this time the county is producing a variety of metals, zinc, lead, copper, and tungsten, the value running high in the thousands of tons. Combined with the production of gold and silver these base metals will bring up the general average of metal production to that of some of the larger counties.

Turquoise Production.

The year 1911 shows a big falling off in the production of turquoise in the southwest, and especially in this county, where heretofore many thousands of carats of this gem stone was produced. At Mineral Park only the better grades could find a ready market, the matrix stone receiving but little attention from the public. There have been five companies operating in the district during the past several years, but only one is now taking out the blue stone.

The Metal Markets.

Copper is quoted at the best figure in more than two years, the market quotation for standard copper being 14.25; lead 4.50; spelter 6.25, and silver 55 1/4, the highest in many years. The impression prevails among mining and smelter men that all the metals will show an upward trend before spring, especially lead, which has been beaten down by the American interests during the past year.

The building of the branch line of the Salt Lake railroad from Moapa to St. Thomas will have the effect of opening up a large section of the country in northern Mohave county, the mines of which section have heretofore been neglected on account of the distance from transportation lines. The Grand Gulch mines will be brought within forty miles of the railroad, while many mines in the Virgin range will be only from ten to twenty miles away. It is the impression that the railroad will eventually cross the Colorado river at Bonelli Ferry and connect with the Western Railway of Arizona at Chloride, or run into Jerome. The completion of the line will open up a great mineralized section, that part of the country being underlain with salt, gypsum, gold, silver, lead and copper. It would be the means of bringing to this county cheaper and better fuel from the coal mines of Utah and giving the miners of this county a market at the Salt Lake smelters.

Ell Hilty returned last night from the Ruth mine, where he made an examination of the property. He reports that in the east drift from the 200 level the heading is now in the same rich grade of ore that appeared on the 100 level. The ore body is of good width and the opening up of the ore shoot on this level is giving the management great encouragement. The property is showing itself to be one of the big things of the district. The mill is capable of handling a big tonnage of ore and the saving by the electro-cyanic process is above ninety per cent of the values.

Jack Sanford, who recently discovered a rich vein of gold bearing ore in the upper part of IXL canyon, is in Kingman. He has done quite a little work on the vein and is of the opinion that he has something worth while. The ore gives big results in the horn spoon and he has taken out some excellent shipping ore.

The Kampff brothers have part of their new mill on the ground at their mine in the Chemehuevis mountains, south of Fall Spring, and will soon have it at work crushing ore. The mines owned by these men are said to have a splendid showing of ore running in value to 50% to the ton in gold.

Mrs. C. S. Seeley and child, of Mineral Park, has been visiting in Kingman the past several days.

SYSTEMATIC SAVING

Is the Surest Way to Build Character, Establish Independence and Banish Fear of Old Age or Helplessness

OUR TIME CERTIFICATES

Afford the Ideal Method of Saving. We Issue Them for Any Amount from a Dollar Upwards. They Earn 5 Per Cent.

Address H. H. WATKINS, Mgr., for Particulars.

ARIZONA CENTRAL BANK

Flagstaff

Williams

Kingman

CAPITAL AND SURPLUS
\$150,000.00

DEPOSITS OVER
\$1,000,000.00

Lovin & Withers Co.

KINGMAN.

GOLDROAD

OATMAN

3 STORES 3

Dealers in General Merchandise

We Are Headquarters for

House furnishings, including Stoves, Ranges, Furniture, Carpets and Rugs, Linoleums, Crockery and Enamelled Ware. Our line of Groceries is Composed of the Best Brands Obtainable. We have everything necessary for everybody and solicit your patronage. Our freight teams will haul your heavy freight.

Lovin & Withers Co.

We carry a complete stock of high grade

RAY, GRAIN, FEED

Lumber, Building Material
Cement, Lime, Fire Brick,
Lubricating Oils, Distillate,
Gasoline, Fuel Oils, and can
make prompt deliveries

Let us Quote You Prices

Tarr & McComb

ALLEN E. WARE, Treas. & Mgr.

Iron and Steel for Douglas Smelter.

A Douglas dispatch says:—The contract for the iron and steel work for the C. and A. smelter was awarded by the C. and A. company to the Kansas City Structural Steel Company, of Kansas City, and it is said to amount to approximately 400,000\$. H. A. Fitch, the president of the company, is here and made the bid for the work and was highly elated over his success this morning when seen by a representative of the Democrat Mr. Fitch stated: "The construction work will be started immediately and work pushed as rapidly as possible. It will take about sixty days before the first lot of materials and men will arrive here and the erection work will take at least eight months to complete. The plans of this smelter are the most perfect I ever had occasion to see, and your city should certainly feel proud to get such an up-to-date plant as they will build."

"We are the largest steel concern in the west and have an enormous capacity and I have also secured the contract for the steel and iron work for the new Arizona Copper Company's smelter at Clifton. This contract is not quite as large as the C. and A. and amounts to about 300,000\$. Work on this will also begin at once. I have not very often had the opportunity of

getting "two birds with one stone" as I did here, and certainly shall always have a kind remembrance for this city."

El Paso Smelter is a Big Plant.

Advices from El Paso are to the effect that the 400,000\$ copper smelter which has just been completed as an addition to the plant of the El Paso Smelting works, itself one of the largest silver-lead smelters in the world, is now in operation. The plant includes three wedge roasters for drying and roasting material prior to its going to the reverberatory furnaces into which the material is fed hot. The two reverberatory furnaces are installed and one operated. The two basic line converters where the blister copper is made are also in position.—Prospector.

H. M. Scott, representing the Mining World, the well known mining publication at Chicago, has been in this county the past ten days, looking over the mining field of Gold Road, Tom Reed and other camps. Mr. Scott is familiar with mining in the territory in all its phases and is an able representative of a splendid journal.

Rev. Fr. Vabre will celebrate mass in the Catholic church tomorrow morning at 10 o'clock. It is his intention to go to Gold Road Monday and celebrate the mass at that place.